

**REMARKS**

Claims 1-27 remain in the application for consideration of the Examiner.

Reconsideration and withdrawal of the outstanding objections and rejections are respectfully requested in light of the above amendments and following remarks.

Claims 7 and 20 were objected to.

By the instant amendment, Claims 7 and 20 have been amended to take into consideration the helpful comments of the Examiner.

It is respectfully submitted that Claims 1-27 are free from informalities.

Claims 1, 2, 3, 5, 6, 10, 11, 12, 16, 18, 19, 28, and 29 were rejected under 35 U.S.C. § 102(e) as being anticipated by Hellmark; Claims 16, 23, 24, and 25 were rejected under 35 U.S.C. § 102(e) as being anticipated by Madkour; and Claims 4 and 7 were rejected under 35 U.S.C. § 103 as being unpatentable over Hellmark in view of alleged admitted prior art (AAPA).

These rejections are respectively traversed.

Hellmark does not disclose or suggest the presently claimed invention including the method step of making a determination of the desired bit sequence based on a combination of the received bit sequences and the communication quality information in independent Claim 1, albeit defined as a determiner coupled to the inputs for making a determination of desired bit sequence based on a combination of the received bit sequences and the communication quality information in independent Claim 16.

The Examiner's attention is directed to column 7, lines 35-45 where Hellmark discloses that the resolution used in the ADC's 620 and in the following signal

processing can be selected based on the received signal quality, for example the signal to noise ratio or the SIR.

The received digital quality is not combined with the received bit sequence.

Likewise, Madkour does not disclose or suggest the presently claimed invention including making a determination of the desired bit sequence based on a combination of the received bit sequences and the communication quality information as defined in the various forms in independent Claims 1 and 16.

The Examiner's attention is directed to column 9, lines 50-60 of Madkour where Madkour discloses a baseband interference canceler modifying the original baseband signal based on the estimate of the interfering signal component.

The interfering signal component is an estimate and not a communication quality information.

Whether or not AAPA discloses a bluetooth device or whether one of ordinary skill in the art would consider modifying either Hellmark or Madkour is of no moment since the resulting construction would still in no way disclose or suggest the presently claimed invention.

Consequently, it is respectfully submitted that Claims 1-27 patentably distinct over the applied references.

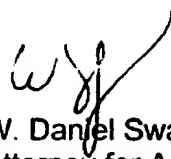
Applicants appreciate the indication that Claims 13-15 and 27 are allowed.

In light of the above, it is respectfully submitted that the present application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant response places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, Applicant petitions for an Extension of Time under 37 CFR 1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees, to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,



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